

Set	Items	Description
S1	2715	(REVOCATION OR ACCESS?) (2N) (LIST? OR TABLE OR CHART?)
S2	5591731	HOST? ? OR DEVICE? ? OR APPARATUS?
S3	551526	IDENTIF? OR ID OR CODE? ?
S4	1657090	DETERMIN? OR MATCH? OR COMPAR?
S5	2229186	DENY OR DENIED OR BLOCK? OR ALLOW? OR PERMI?
S6	215776	PA=SONY?
S7	41	S1 AND S2 AND S3 AND S4 AND S5
S8	34	S7 AND IC=(G06F? OR H04L?)

? show files

File 347:JAPIO Oct 1976-2002/Nov(Updated 030306)  
(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200318  
(c) 2003 Thomson Derwent

8/5/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05644132 \*\*Image available\*\*  
NETWORK PRINTING DEVICE

PUB. NO.: 09-258932 [JP 9258932 A]  
PUBLISHED: October 03, 1997 (19971003)  
INVENTOR(s): NISHIZAWA TAKESHI  
APPLICANT(s): FUJI XEROX CO LTD [359761] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-071835 [JP 9671835]  
FILED: March 27, 1996 (19960327)  
INTL CLASS: [6] G06F-003/12 ; B41J-029/38; G06F-001/00 ; G06F-013/00  
JAPIO CLASS: 45.3 (INFORMATION PROCESSING -- Input Output Units); 29.4 (PRECISION INSTRUMENTS -- Business Machines); 45.2 (INFORMATION PROCESSING -- Memory Units); 45.9 (INFORMATION PROCESSING -- Other)

#### ABSTRACT

PROBLEM TO BE SOLVED: To enable a network printing device to receive a printing request from plural protocols.

SOLUTION: A name/name identifier acquirement means 2 acquires the name of a request issuer, a protocol and a name identifier for identifying a requester from the print request received in a job reception means 1. Here, an access control table 3 is referred to and a name identifier judgment means 4 judges the matching of the name identifier. A name judgment means 5 judges the matching of the names. When the judgment is satisfied, an authority judgment means 6 judges authority required for executing the print request for the request issuer from the access type of an entry corresponding to the name of the request issuer of the access control table 3 and permits access with the authority. Group identification is indicated to the access control table 3, the name judgment means 5 judges whether the issuer belongs to the group or not by the designated method.

8/5/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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01052847 \*\*Image available\*\*  
DISPLAY SYSTEM FOR INSTRUCTION CODE HISTORY

PUB. NO.: 57-203147 [JP 57203147 A]  
PUBLISHED: December 13, 1982 (19821213)  
INVENTOR(s): TABATA TAKASHI  
MATSUSHIMA YASUKAZU  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 56-087695 [JP 8187695]  
FILED: June 08, 1981 (19810608)  
INTL CLASS: [3] G06F-011/28  
JAPIO CLASS: 45.1 (INFORMATION PROCESSING -- Arithmetic Sequence Units)  
JOURNAL: Section: P, Section No. 181, Vol. 07, No. 57, Pg. 23, March 09, 1983 (19830309)

#### ABSTRACT

PURPOSE: To reduce the cost of instruction **code** history display by **comparing** a correspondence table, which outputs the starting address of a microinstruction sequence, with a microinstruction address stored in a history memory, and then performing the display when a coincidence is obtained.

CONSTITUTION: A microinstruction (OP) **code** is fetched into a microinstruction buffer BUF(sub 1) and transferred to an EAS address register REG(sub 1), and one entry into a correspondence **table** EAS is **accessed**. Respective entries into the EAS contain the starting addresses of various .mu. instruction sequences. A starting address read out of the EAS is set in a .mu. instruction counter MIC, whose value is stored in a history memory HM successively, and a .mu. instruction sequence which corresponds to microinstructions is stored in a control storage CS. Once a display request for OP **code** history is generated, a service processor SVP **permits** a **comparator** CMP to **compare** the .mu. instruction address read out of the HM with the .mu. instruction address obtained by scanning the EAS, and when the both coincide, the corresponding ESA entry is displayed on a display **device**.

8/5/3 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015108766 \*\*Image available\*\*

WPI Acc No: 2003-169285/200317

XRPX Acc No: N03-133717

**Transition condition fulfillment confirmation method for workflow management system, involves comparing identifiers added to signature confirming fulfillment of application transition condition, with prestored access control list**

Patent Assignee: INT BUSINESS MACHINES CORP (IBM )

Inventor: LUDWIG H H; VAN HERREWEGHEN E; VANHERREWEGHEN E A

Number of Countries: 027 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1274055	A1	20030108	EP 2001810659	A	20010705	200317 B
US 20030009513	A1	20030109	US 2002183117	A	20020626	200317

Priority Applications (No Type Date): EP 2001810659 A 20010705

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 1274055	A1	E	11	G07F-019/00	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

US 20030009513 A1 G06F-015/16

Abstract (Basic): EP 1274055 A1

NOVELTY - The fulfillment of the application transition conditions (21), is confirmed by signing with the signature (36) that is derived from at least one application transition condition and a cryptographic key. The content of prestored **access control list** (41) indicating authorized users for signing the application transition condition, is **compared** with each **identifier** added to the signature.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Transition condition fulfillment confirming program;
- (2) Computer program product for confirming fulfillment of transition condition; and

(3) Transition condition fulfillment confirming system.  
USE - For confirming fulfillment of transition condition for electronic transactions, in workflow management system (WFMS) using **devices** such as mobile phone, WAP phone and personal digital assistant (PDA) that are connected to WFMS.

ADVANTAGE - **Allows** parties to exchange certified evaluation results, to securely synchronize on a mutually agreed and provable state. Enables multiple parties to sign and confirm fulfillment of the application transition condition independently from time and place without any order. As a result flexibility of the WFMS is improved. The prestored **access control list** provides a high degree of nonrepudiation to enable each party to prove to their transaction peer the fulfillment of the application transition condition.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic view of the WFMS.

Application transition condition (21)

Signature (36)

**Access control list** (41)

pp; 11 DwgNo 3/4

Title Terms: TRANSITION; CONDITION; CONFIRM; METHOD; MANAGEMENT; SYSTEM;  
**COMPARE ; IDENTIFY ; ADD; SIGNATURE; CONFIRM; APPLY; TRANSITION;**  
CONDITION; ACCESS; CONTROL; LIST

Derwent Class: T01; T05; W01

International Patent Class (Main): **G06F-015/16 ; G07F-019/00**

International Patent Class (Additional): **G06F-009/00**

File Segment: EPI

**8/5/4 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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014986641 \*\*Image available\*\*

WPI Acc No: 2003-047156/200304

XRPX Acc No: N03-037116

**Mobile communication device for accessing web site, has code memo application accessible for selected period of time, if scanned fingerprint output data matches reference fingerprint pattern**

Patent Assignee: ANDERSSON S (ANDE-I); STAVENOW B (STAV-I);

TELEFONAKTIEBOLAGET ERICSSON L M (TELF )

Inventor: ANDERSSON S; STAVENOW B

Number of Countries: 100 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200293330	A2	20021121	WO 2002EP4963	A	20020506	200304 B
US 20020193142	A1	20021219	US 2001291052	P	20010514	200306
			US 2002123506	A	20020415	

Priority Applications (No Type Date): US 2002123506 A 20020415; US 2001291052 P 20010514

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200293330 A2 E 17 G06F-001/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): WO 200293330 A2

NOVELTY - A fingerprint scanner (20) generates output in response to a scanned fingerprint to be **compared** with a reference fingerprint pattern (25). A **code** memo application (15) containing **identification** data which is accessed only for a selected period of time if there is a **match** between scanned and reference fingerprint.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for user data access control method.

USE - For accessing particular web sites or personal information such as PIN **codes** , user IDs and password etc.

ADVANTAGE - Provides a user friendly and secure feature to automatically perform personal information filling operation. **Allows** user to **access list** of data entries each having associated with text **identifiers** for a selected period of time.

DESCRIPTION OF DRAWING(S) - The figure shows a **block** diagram of the mobile communication **device** .

**Code** memo application (15)

Fingerprint scanner (20)

Reference fingerprint pattern (25)

pp; 17 DwgNo 1/7

Title Terms: MOBILE; COMMUNICATE; **DEVICE** ; ACCESS; WEB; SITE; **CODE** ; MEMO ; APPLY; ACCESS; SELECT; PERIOD; TIME; SCAN; FINGERPRINT; OUTPUT; DATA; **MATCH** ; REFERENCE; FINGERPRINT; PATTERN

Derwent Class: S05; T01; T04

International Patent Class (Main): **G06F-001/00** ; H04M-001/00

File Segment: EPI

8/5/5 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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014821927 \*\*Image available\*\*

WPI Acc No: 2002-642633/200269

XRPX Acc No: N02-507964

**Certificate generation method in computer network, involves receiving certificate generation request along with sender node identifier**

Patent Assignee: SUN MICROSYSTEMS INC (SUNM )

Inventor: PERLMAN R J

Number of Countries: 098 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020099668	A1	20020725	US 2001767128	A	20010122	200269 B
WO 200260148	A2	20020801	WO 2001US50819	A	20011227	200269

Priority Applications (No Type Date): US 2001767128 A 20010122

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 20020099668 A1 12 G06F-017/60

WO 200260148 A2 E H04L-029/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW

Abstract (Basic): US 20020099668 A1

NOVELTY - A request for generating a certificate is forwarded from a sender node to a destination node along with sender node **identifier**. A certificate that includes the **identifier** is generated by the destination node in response to the request received.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Resource access provision **determining** method;
- (2) Certification authority;
- (3) Resource access provision **determining** system;
- (4) Certificate generation program product;
- (5) Certificate generation program; and
- (6) Certificate generating **apparatus**.

USE - For certification generation in computer network.

ADVANTAGE - Revokes certificates that are generated by a certification authority (CA) in response to a request from a registration authority (RA). Enables generating smaller certificate **revocation lists** (CRLs) more quickly by utilizing less bandwidth and memory, thereby improving overall performance of the system.

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of certificate generating computer network system.

pp; 12 DwgNo 1/6

Title Terms: CERTIFY; GENERATE; METHOD; COMPUTER; NETWORK; RECEIVE; CERTIFY ; GENERATE; REQUEST; SEND; NODE; **IDENTIFY**

Derwent Class: T01

International Patent Class (Main): G06F-017/60 ; H04L-029/00

File Segment: EPI

8/5/6 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014541261 \*\*Image available\*\*

WPI Acc No: 2002-361964/200239

Related WPI Acc No: 2002-257663; 2002-269218; 2002-280776; 2002-351623;

2002-362007; 2002-382731

XPX Acc No: N02-282940

**Customer premises equipment for CATV service, encapsulates data from primary frame to secondary frame based on encapsulating method determined relative to upper layer network data extracted from primary frame**

Patent Assignee: VERIZON COMMUNICATIONS INC (VERI-N); BAUM R T (BAUM-I); VOIT E A (VOIT-I)

Inventor: BAUM R T; VOIT E A

Number of Countries: 096 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200214980	A2	20020221	WO 2001US24927	A	20010807	200239 B
US 20020044567	A1	20020418	US 2000635695	A	20000810	200239
			US 2000652140	A	20000831	
			US 2000731053	A	20001207	
			US 2000731054	A	20001207	
AU 200183214	A	20020225	AU 200183214	A	20010807	200245

Priority Applications (No Type Date): US 2000731054 A 20001207; US 2000635695 A 20000810; US 2000652140 A 20000831; US 2000731053 A 20001207

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200214980 A2 E 89 G06F-000/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA

CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN  
 IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ  
 PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
 Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
 IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW  
 US 20020044567 A1 H04J-003/16 CIP of application US 2000635695  
 CIP of application US 2000652140  
 CIP of application US 2000731054  
 AU 200183214 A G06F-000/00 Based on patent WO 200214980

Abstract (Basic): WO 200214980 A2

NOVELTY - An interface receives a primary frame from customer devices and another interface forwards secondary frame encapsulated according to specific method, to data access network. A table stores relation between upper layer network data and encapsulation method. One of network data is extracted from primary frame and a relevant table entry is identified to determine a method for encapsulating data within primary frame into secondary frame.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(a) Upstream data frame provision method;

(b) Computer readable medium storing upstream data stream provision program

USE - For implementing multimedia data communication services such as CATV service, voice service, multicast services, caching service, distance service, telecommuting service, long distance data service e.g. chat rooms, email and web browsing on Internet, offnet and telecommunication services, etc., in ADSL-based local access network using digital subscriber line technology.

ADVANTAGE - Enhances digital communication network for subscriber line to support communication services. Reduces cost and demand for high capacity interoffice while increasing band width requirements. Hacker attacks are reduced. QoS of vertical services are supported. Errors in data circuit provisioning process are eliminated. The equipment is backward compatible. Prevents establishment or usage of certain sessions.

DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of digital subscriber line data network.

pp; 89 DwgNo 1/15

Title Terms: CUSTOMER; PREMISES; EQUIPMENT; CATV; SERVICE; ENCAPSULATE; DATA; PRIMARY; FRAME; SECONDARY; FRAME; BASED; ENCAPSULATE; METHOD; DETERMINE ; RELATIVE; UPPER; LAYER; NETWORK; DATA; EXTRACT; PRIMARY; FRAME

Derwent Class: T01; W02

International Patent Class (Main): G06F-000/00 ; H04J-003/16

International Patent Class (Additional): H04L-012/66

File Segment: EPI

8/5/7 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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014523543 \*\*Image available\*\*

WPI Acc No: 2002-344246/200238

XRPX Acc No: N02-270865

Universal slot device for electronic bus system, identifies failure of master/slave bus, based on which the access priority of electronic unit is modified relevant to bus priority table

Patent Assignee: NEC CORP (NIDE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2002007227	A	20020111	JP 2000184197	A	20000620	200238 B

Priority Applications (No Type Date): JP 2000184197 A 20000620

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2002007227	A	13	G06F-013/00	

Abstract (Basic): JP 2002007227 A

NOVELTY - A memory stores a priority **table** defining **access** priority of master and slave buses connected to electronic units (1-4). A **comparator** **compares** priority of each unit with table and accordingly notification is output through respective bus lines. A controller (11) **identifies** failure of master or slave bus, based on which the priority of each unit is changed relevant to the stored priority table and slot **identification** ( **ID** ) data.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Slot priority setting method;
- (2) Electronic **device** ; and
- (3) **Device** priority setting method.

USE - For electronic bus system.

ADVANTAGE - Eliminates need for allocation of master and slave bus slots, thereby flexible bus usage is enabled depending on necessity.

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of universal slot **device** in each electronic unit. (Drawing includes non-English language text).

Electronic units (1-4)

Controller (11)

pp; 13 DwgNo 1/9

Title Terms: UNIVERSAL; SLOT; **DEVICE** ; ELECTRONIC; BUS; SYSTEM; **IDENTIFY** ; FAIL; MASTER; SLAVE; BUS; BASED; ACCESS; PRIORITY; ELECTRONIC; UNIT; MODIFIED; RELEVANT; BUS; PRIORITY; TABLE

Derwent Class: T01; W01

International Patent Class (Main): **G06F-013/00**

International Patent Class (Additional): **G06F-013/12 ; G06F-013/36**

File Segment: EPI

8/5/8 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013980776 \*\*Image available\*\*

WPI Acc No: 2001-464990/200150

Related WPI Acc No: 1998-467772; 2001-390074

XRPX Acc No: N01-344924

**Information access/retrieval method for hand-held device by parsing input text expression to identify keyword**

Patent Assignee: ACTIONEER INC (ACTI-N)

Inventor: MARTIN F

Number of Countries: 094 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200142906	A1	20010614	WO 2000US33229	A	20001207	200150 B
AU 200120700	A	20010618	AU 200120700	A	20001207	200161
EP 1257905	A1	20021120	EP 2000984020	A	20001207	200301
			WO 2000US33229	A	20001207	



Priority Applications (No Type Date): US 99169539 P 19991207

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200142906 A1 E 31 G06F-007/10

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA  
CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP  
KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT  
RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZW

AU 200120700 A G06F-007/10 Based on patent WO 200142906

EP 1257905 A1 E G06F-007/10 Based on patent WO 200142906

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI TR

Abstract (Basic): WO 200142906 A1

NOVELTY - The input text expression is parsed to **identify**  
keyword, a connector that includes grammatical rules is **determined**  
based on the keyword and a template in the connector is filled based on  
the input text expression. An agent **identified** by the connector is  
then launched and the response received as streaming HTML data.

DETAILED DESCRIPTION - An INDEPENDENT claim is also included for  
USE - For hand-held **device**.

ADVANTAGE - It **allows** the hand-held **device** to access/retrieve  
information from the Internet without requiring processing HTML pages  
remotes using a proxy server that requires maintenance.

DESCRIPTION OF DRAWING(S) - The figure shows flow **chart** of  
information **access** /retrieval method.

pp; 31 DwgNo 4A/7

Title Terms: INFORMATION; ACCESS; RETRIEVAL; METHOD; HAND; HELD; **DEVICE** ;  
PARSE; INPUT; TEXT; EXPRESS; **IDENTIFY** ; KEYWORD

Derwent Class: T01

International Patent Class (Main): **G06F-007/10**

International Patent Class (Additional): **G06F-015/16 ; G06F-017/30**

File Segment: EPI

8/5/9 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013913136 \*\*Image available\*\*

WPI Acc No: 2001-397349/200142

XRPX Acc No: N01-292826

**Verification method for updating revocation list to foil adversary  
using random fashion to reduce likelihood of revoked access identifier  
being accepted for access after time passing randomly replaces revoked  
identifier with new one**

Patent Assignee: KONINK PHILIPS ELECTRONICS NV (PHIG )

Inventor: EPSTEIN M A

Number of Countries: 028 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200111819	A1	20010215	WO 2000EP7275	A	20000727	200142 B
EP 1118184	A1	20010725	EP 2000953108	A	20000727	200143
			WO 2000EP7275	A	20000727	
KR 2001087366	A	20010915	KR 2001704471	A	20010409	200219
CN 1327663	A	20011219	CN 2000802234	A	20000727	200226
JP 2003506782	W	20030218	WO 2000EP7275	A	20000727	200315

Priority Applications (No Type Date): US 99370489 A 19990809

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200111819 A1 E 17 H04L-009/32

Designated States (National): CN JP KR

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

EP 1118184 A1 E H04L-009/32 Based on patent WO 200111819

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

KR 2001087366 A G06F-015/00

CN 1327663 A H04L-009/32

JP 2003506782 W 19 G06F-012/14 Based on patent WO 200111819

Abstract (Basic): WO 200111819 A1

NOVELTY - The method has a local **revocation list** (150) containing several revoked **identifiers** and an access **device** (110) controlling access to content material (111) based on a **comparison** of an access **identifier** to the several revoked **identifiers**. A receiver (120) receives a new revoked **identifier** (109) and a relacer randomly replaces a revoked **identifier** with a new one.

DETAILED DESCRIPTION - An independent claim describes a system and a method of facilitating revocable access control and a method for controlling access to content material.

USE - As a method of updating a **revocation list** to foil an adversary using a random fashion to reduce the likelihood of a revoked access **identifier** being accepted for access after a passage of time.

ADVANTAGE - Decreases the customer satisfaction with an unauthorized replication of an authorized **identifier**.

DESCRIPTION OF DRAWING(S) - The drawing shows an example **block** diagram of an access control system.

the local **revocation list** (150)

the access **device** (110)

the content material (111)

the receiver (120)

the new revoked **identifier** (109)

pp; 17 DwgNo 1/4

Title Terms: VERIFICATION; METHOD; UPDATE; LIST; FOIL; RANDOM; FASHION;

REDUCE; ACCESS; **IDENTIFY**; ACCEPT; ACCESS; AFTER; TIME; PASS; RANDOM;

REPLACE; **IDENTIFY**; NEW; ONE

Derwent Class: T01; W01

International Patent Class (Main): G06F-012/14 ; G06F-015/00 ;

H04L-009/32

International Patent Class (Additional): G06F-001/00

File Segment: EPI

8/5/10 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013884423 \*\*Image available\*\*

WPI Acc No: 2001-368636/200139

XRPX Acc No: N01-269002

**Electronic authentication method for world wide web, in which content identifier appended to contents transmitted by server to client**

**accompanies data transmitted by client to server in response to contents**

Patent Assignee: HITACHI LTD (HITA )

Inventor: KOISO R; MIURA J; SAITO Y  
Number of Countries: 026 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1063579	A2	20001227	EP 2000305194	A	20000620	200139 B
JP 2001086113	A	20010330	JP 2000180722	A	20000612	200139

Priority Applications (No Type Date): JP 99174066 A 19990621

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 1063579	A2	E 12	G06F-001/00	

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI  
JP 2001086113 A 10 H04L-009/32

Abstract (Basic): EP 1063579 A2

NOVELTY - A content **identifier** is appended to contents transmitted by a server to a client, and accompanies the data transmitted in response to the contents. Transmission of data in response to contents in access to the contents, is limited to one-time transmission to exclude disallowed response data using a copy of the contents, and illegal response data intended to falsify information.

DETAILED DESCRIPTION - The authentication method involves using a WWW server program (25) which generates an **identifier** for an access to contents and registers the **identifier** in an **access control table** (28). The WWW server program then embeds the **identifier** in the contents before transmitting the contents to a client (1). A WWW browser program (16) displays the contents and adds an access number fetched from the contents to input data for the contents. The browser program then transmits the input data to a WWW server (2). If the **identifier** added to the input data received from the browser program matches an **identifier** registered in the **access control table** (28), the server program authenticates the legitimacy of the input data and deletes the registered **identifier**. INDEPENDENT CLAIMS are included for; an electronic authentication method; an electronic authentication **apparatus**; an information processing **apparatus**; a storage medium for storing a program for executing the method of the invention.

USE - Transmitting contents from processing **apparatus** rendering services to processing **apparatus** making a request for service, and authenticating legitimacy of input data for content access.

ADVANTAGE - Capable of proving that input data is correct data transmitted as a response to contents during access to the contents.

DESCRIPTION OF DRAWING(S) - The drawing shows a **block** diagram showing the configuration of a system for rendering services using the Internet as implemented by an embodiment of the invention.

Client (10)

WWW server (2)

Internet (3)

**Access control table** (28)

Content database (29)

pp; 12 DwgNo 1/6

Title Terms: ELECTRONIC; AUTHENTICITY; METHOD; WORLD; WIDE; WEB; CONTENT; IDENTIFY; APPENDAGE; CONTENT; TRANSMIT; SERVE; CLIENT; ACCOMPANIED; DATA; TRANSMIT; CLIENT; SERVE; RESPOND; CONTENT

Derwent Class: P85; T01; W01

International Patent Class (Main): G06F-001/00 ; H04L-009/32

International Patent Class (Additional): G06F-012/14 ; G06F-013/00 ;

G06T-001/00; G09C-005/00; H04N-001/387; H04N-007/08; H04N-007/081;

H04N-007/167; H04N-007/173

File Segment: EPI; EngPI

8/5/11 (Item 9 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013824624 \*\*Image available\*\*  
WPI Acc No: 2001-308836/200133  
XRPX Acc No: N01-221012

**Database management system for recovering tables dropped from databases;  
updates selected table space to desired current state and accesses  
table definition attributes for the dropped table in dropped table  
history**

Patent Assignee: IBM CANADA LTD (IBMC )  
Inventor: HURAS M A; MCINNIS D M; OFER E; WINER M J; ZHENG R L Q  
Number of Countries: 001 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2279028	A1	20010129	CA 2279028	A	19990729	200133 B
CA 2279028	C	20020910	CA 2279028	A	19990729	200264

Priority Applications (No Type Date): CA 2279028 A 19990729

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2279028	A1	E	16 G06F-017/30	
CA 2279028	C	E	G06F-017/30	

Abstract (Basic): CA 2279028 A1

NOVELTY - A data from a dropped table (12) is copied in a rolled forward selected table space (14) to a storage data structure. The selected table space (24) is updated to a desired current state, **device** for **accessing** the **table** definition attributes for the dropped table (16), in the dropped table history, to create a new table in the table space. The data in the storage data structure is loaded (36) into a new table (36).

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for:

(a) a computer program product containing computer readable **codes** for managing database

(b) a method for recovering dropped table in database management system

USE - In database systems for recovering of tables dropped from databases.

ADVANTAGE - Provides a DBMS in which tables, which have been dropped may be recovered without the need to recover and roll forward the entire database. **Permits** the point at which the table was dropped to be **determined** with some accuracy, as well as to **determine** the structure of the table at the time of the drop.

DESCRIPTION OF DRAWING(S) - The drawing shows the processing of the table space to recover dropped table according to the present invention.

dropped table (12)  
selected table space (14)  
dropped table (16)  
table space (24)  
new table (36)  
pp; 16 DwgNo 1/1

Title Terms: DATABASE; MANAGEMENT; SYSTEM; RECOVER; TABLE; DROP; UPDATE;  
SELECT; TABLE; SPACE; CURRENT; STATE; ACCESS; TABLE; DEFINE; ATTRIBUTE;  
DROP; TABLE; DROP; TABLE; HISTORY  
Derwent Class: T01

International Patent Class (Main): G06F-017/30  
File Segment: EPI

8/5/12 (Item 10 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

013522409 \*\*Image available\*\*  
WPI Acc No: 2001-006615/200101  
XRPX Acc No: N01-004766

**Data access controlling system in internet, accesses data only through network vault, when user identification matches authorization list through single data access channel**

Patent Assignee: CYBER-ARK SOFTWARE LTD (CYBE-N); FRIEDMAN M M (FRIE-I)

Inventor: COHEN A

Number of Countries: 091 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200051010	A1	20000831	WO 2000US4127	A	20000218	200101 B
AU 200032350	A	20000914	AU 200032350	A	20000218	200101
EP 1166211	A1	20020102	EP 2000910221	A	20000218	200209
			WO 2000US4127	A	20000218	
US 6356941	B1	20020312	US 99253780	A	19990222	200221

Priority Applications (No Type Date): US 99253780 A 19990222

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200051010	A1	E	49	G06F-015/16	
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Designated States (National): AE AL AM AT AU AZ BA BB BG BR BY CA CH CN  
CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE  
SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200032350	A			G06F-015/16	Based on patent WO 200051010
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EP 1166211	A1	E		G06F-015/16	Based on patent WO 200051010
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

US 6356941	B1			G06F-015/16	
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Abstract (Basic): WO 200051010 A1

NOVELTY - A central storage facility (12) has a hardware storage device and network vaults (28). The storage device data is accessed only through the network vault, when the user identification is matched with authorization list. A single data access channel connects the network vault, so that client software accesses data in network vault through the single data access channel.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

- (a) method for controlling access to data stored in network vault;
- (b) method for securely storing file on physical storage device ;
- (c) method for sharing information between two users when the two users are not connected

USE - For controlling data access providing secure storage of the data by the user organizational intranets and internet connected to any internet service provider, bank or any independent party.

ADVANTAGE - A robust, secure and reliable data storing system is achieved by accessing the data stored in the storage facility through a single access channel and network vault, thus the network vault allows

the access only when the user **identification matches** with the authorization **list** . The data **accessing** control system is operable by average computer user, such that each individual is able to control access to his or her own data, thus avoids requirement of centralized system administrator.

DESCRIPTION OF DRAWING(S) - The figure shows the schematic **block** diagram of illustrative network vault system.

Central storage facility (12)

Network vaults (28)

pp; 49 DwgNo 1/4

Title Terms: DATA; ACCESS; CONTROL; SYSTEM; ACCESS; DATA; THROUGH; NETWORK; VAULT; USER; **IDENTIFY** ; **MATCH** ; LIST; THROUGH; SINGLE; DATA; ACCESS; CHANNEL

Derwent Class: T01

International Patent Class (Main): **G06F-015/16**

International Patent Class (Additional): **G06F-015/173**

File Segment: EPI

**8/5/13 (Item 11 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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013326200 \*\*Image available\*\*

WPI Acc No: 2000-498139/200044

XRPX Acc No: N00-369171

**Communication establishment** apparatus **between initiating and receiving** hosts , **in distributed network**, **alters or modifies special function table** **relative to additions and deletions made in supported function list**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: RATCLIFF B H; VALLEY S R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6084859	A	20000704	US 97920588	A	19970829	200044 B

Priority Applications (No Type Date): US 97920588 A 19970829

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6084859 A 21 H04L-012/46

Abstract (Basic): US 6084859 A

NOVELTY - The **comparison** component is monitored for checking status of supported functions at preselected intervals to **determine** if additions and deletions are made to supported function list. Alterations and modifications are made to special function table relative to additions and deletions in list. The **table** is **accessible** to all **hosts** via gateway **device** to **allow hosts** to obtain an updated supported function list.

DETAILED DESCRIPTION - The special function table stores all possibly available functions that can be provided by all available different communication platforms. The list of all supported functions provided by particular associated communication platform, is obtained. The **comparison** component **identifies** a subset of supported functions and enters them in a special function table stored in a memory location that is accessible by gateway **device** . The communication platform is an integrated platform or an open system adapter platform.

USE - For establishing communication between initiating **host** and receiving **host** in distributed networks such as a local area network (LAN) or wide area network (WAN).

ADVANTAGE - The usage of MAC headers and provision of information including **device** address on both sending and receiving ends, each time between initiating and receiving **hosts** are eliminated, thereby saving latency, memory capacity and introducing efficiency on memory.

DESCRIPTION OF DRAWING(S) - The figure is a **block** diagram illustrating the computing environment.

pp; 21 DwgNo 5/7

Title Terms: COMMUNICATE; ESTABLISH; **APPARATUS** ; INITIATE; RECEIVE; **HOST** ; DISTRIBUTE; NETWORK; ALTER; MODIFIED; SPECIAL; FUNCTION; TABLE; RELATIVE; ADD; DELETE; MADE; SUPPORT; FUNCTION; LIST  
Derwent Class: T01; W01  
International Patent Class (Main): **H04L-012/46**  
File Segment: EPI

8/5/14 (Item 12 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013272391 \*\*Image available\*\*

WPI Acc No: 2000-444304/200039

XRPX Acc No: N00-331495

**Secure customization of film, with identifier marked on film and access code to permit access of remote look-up table containing photo finishing data**

Patent Assignee: EASTMAN KODAK CO (EAST )

Inventor: CIPOLLA D; SMART D C

Number of Countries: 027 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1016899	A2	20000705	EP 99204282	A	19991213	200039 B
JP 2000221613	A	20000811	JP 99365609	A	19991222	200044
US 6240251	B1	20010529	US 98221943	A	19981228	200132

Priority Applications (No Type Date): US 98221943 A 19981228

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 1016899	A2	E	43	G03B-017/26	
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT

LI LT LU LV MC MK NL PT RO SE SI

JP 2000221613	A		30	G03B-027/46	
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US 6240251	B1			G03B-017/02	
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Abstract (Basic): EP 1016899 A2

NOVELTY - Remotely **accessed** look-up **table** held in computer, accessible via input **device** and photo finishing unit, contains read-write logical memory unit allocated to each film (10). Film is customized by remote access to look-up table to modify photo finishing of film. Film is marked with unique **identifier** (42,44) and access **code** for access to look-up table memory units.

DETAILED DESCRIPTION - Access **code** is submitted to access logical memory unit. Access **code** is part of **identifier** or supplemental to **identifier** . Access **code** is recorded in logical memory unit. To access logical memory unit, both **identifier** (42) and access **code** must be submitted and **matched** to protect against misuse of look up table. Memory unit in remote look-up table is allocated to film and film is sold accompanied by its **identifier** marked on film, camera and packaging. **Identifier** (42), used to locate look-up table memory unit associated with film, has human readable (44) and machine readable (46) **identifier** . Photo finishing parameters are written to memory unit,

images captured are processed according to parameters.

INDEPENDENT CLAIMS included for film containing filmstrip in light-tight container, photography system .

USE - Provides remote storage of film data for one-time use camera photographic film, provides access **code** to protect against misuse of look-up table.

ADVANTAGE - Secure storage of film unit data.

DESCRIPTION OF DRAWING(S) - Diagram of system with film unit access **coded** for user and producer subunits of logical memory unit.

Film cartridge (10)

Access **code** (42,44)

Film packaging (50)

pp; 43 DwgNo 11a/21

Title Terms: SECURE; FILM; **IDENTIFY** ; MARK; FILM; ACCESS; **CODE** ; **PERMIT** ; ACCESS; REMOTE; UP; TABLE; CONTAIN; PHOTO; FINISH; DATA

Derwent Class: P82; P83; P84; S06; T01; T04

International Patent Class (Main): G03B-017/02; G03B-017/26; G03B-027/46

International Patent Class (Additional): G03B-017/24; G03C-003/00;

G03D-015/00; **G06F-017/30**

File Segment: EPI; EngPI

8/5/15 (Item 13 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013182893 \*\*Image available\*\*

WPI Acc No: 2000-354766/200031

XRPX Acc No: N00-265870

**Control apparatus for program control system, activates synchronous object to access thread when thread reception time is equal to preset time**

Patent Assignee: TOKYO ELECTRIC CO LTD (TODK )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000112774	A	20000421	JP 98287508	A	19981009	200031 B

Priority Applications (No Type Date): JP 98287508 A 19981009

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2000112774	A		5 G06F-009/46	

Abstract (Basic): JP 2000112774 A

NOVELTY - The function in OS relative to synchronous object prevents different thread access by performing multi-thread function while performing the **code** of certain range. Primary synchronous object **accessing** management **table** storing thread reception time, is acquired and activated. Secondary synchronous object for thread processing is activated only if reception time equals preset time and thread is accessed.

USE - For controlling multi-thread function process of program control system.

ADVANTAGE - Since the thread process is performed by **comparing** the thread reception time with preset time, the multi-thread function is performed in the order of thread reception.

DESCRIPTION OF DRAWING(S) - The figure shows **block** diagram of control **apparatus** of program control system.

pp; 5 DwgNo 1/4

Title Terms: CONTROL; **APPARATUS** ; PROGRAM; CONTROL; SYSTEM; ACTIVATE;



SYNCHRONOUS; OBJECT; ACCESS; THREAD; THREAD; RECEPTION; TIME; EQUAL;  
PRESET; TIME  
Derwent Class: T01  
International Patent Class (Main): G06F-009/46  
File Segment: EPI

8/5/16 (Item 14 from file: 350)  
DIALOG(R) File 350: Derwent WPIX  
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013167277 \*\*Image available\*\*  
WPI Acc No: 2000-339150/200029  
XRPX Acc No: N00-254648

**Data manipulation method in tables, involves composing response protocol data unit containing information read from table for multiple rows, based on number of rows to be read**

Patent Assignee: GEN DATACOMM ADVANCED RES CENT LTD (GEDA-N); GEN DATACOMM IND INC (GEDA-N)

Inventor: BURDEN P; GYMER D

Number of Countries: 021 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200020981	A1	20000413	WO 99US22651	A	19990929	200029 B
GB 2344262	A	20000531	GB 9821524	A	19981002	200029

Priority Applications (No Type Date): GB 9821524 A 19981002

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200020981	A1	E	25	G06F-015/16	
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Designated States (National): CA KR US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU

MC NL PT SE

GB 2344262	A	H04L-012/24
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Abstract (Basic): WO 200020981 A1

NOVELTY - The information in the table is looked up based on object **identifier** and index of the row to be read. A response protocol data unit containing information read from the table is composed for several rows based on number of rows to be read. The response packet is then output.

DETAILED DESCRIPTION - Protocol data unit (PDU) is **identified** as **table block** access request. An object **identifier** (OI) of a table to be read from PDU and an index to a row of table are obtained. Based on information from PDU, number of rows to be read is **determined**.

INDEPENDENT CLAIMS are also included for the following:

(a) method of issuing and accepting network management protocol;

(b) network **device**

USE - For manipulating data in tables such as management information base (MIB) using simple network management protocol (SNMP).

ADVANTAGE - By providing an object **identifier** for the table and index to the row, lengthy object **identifiers** need not be communicated for every row or every table entry. **Allows** immediate access to a given **block** of rows even when the object **identifier** of those rows are not known.

DESCRIPTION OF DRAWING(S) - The figure shows the graph illustrating **comparison** between amount of time taken for retrieval when **accessing** a large **table**.

pp; 25 DwgNo 3/3

Title Terms: DATA; MANIPULATE; METHOD; TABLE; COMPOSE; RESPOND; PROTOCOL;  
DATA; UNIT; CONTAIN; INFORMATION; READ; TABLE; MULTIPLE; ROW; BASED;  
NUMBER; ROW; READ  
Derwent Class: T01  
International Patent Class (Main): G06F-015/16 ; H04L-012/24  
International Patent Class (Additional): G06F-015/163 ; G06F-016/177 ;  
G06F-017/30  
File Segment: EPI

8/5/17 (Item 15 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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012934077 \*\*Image available\*\*  
WPI Acc No: 2000-105924/200009  
XRPX Acc No: N00-081336

Resource access granting method in client server operating systems  
Patent Assignee: MICROSOFT CORP (MICT )  
Inventor: CHAN S J; GARG P; GOERTZEL M C; JENSEN WORTH G; SWIFT M M  
Number of Countries: 021 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9964948	A1	19991216	WO 99US13057	A	19990609	200009 B
EP 1084464	A1	20010321	EP 99927413	A	19990609	200117
			WO 99US13057	A	19990609	
US 6279111	B1	20010821	US 9896926	A	19980612	200150
JP 2002517854	W	20020618	WO 99US13057	A	19990609	200242
			JP 2000553885	A	19990609	

Priority Applications (No Type Date): US 9896926 A 19980612

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9964948	A1	E 54	G06F-001/00	
Designated States (National): JP				
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE				
EP 1084464	A1	E	G06F-001/00	Based on patent WO 9964948
Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE				
US 6279111	B1		G06F-012/14	
JP 2002517854	W	54	G06F-009/46	Based on patent WO 9964948

Abstract (Basic): WO 9964948 A1

NOVELTY - A kernel-mode security mechanism (78) **compares** user-based security **identifiers** (user SID) and the intended type of action with list of **identifiers** and resource actions. If the token is devoid of restricted **identifiers**, access is judged by **comparison**, else another access is checked by **comparing** restricted SID with preset **list** and resource **access** is granted to the process, if access checks are satisfied.

DETAILED DESCRIPTION - A restricted token (84) is created by changing the attribute of one or more security **identifiers** (SID) that **allow** access in a parent token (60), to **deny** access via the security **identifiers** and/or removing one or more privileges from the restricted token. Then a process (70) associates another process (94) with the restricted token to launch the other process in a restricted context.

INDEPENDENT CLAIMS are also included for resource access grant system and a computer readable medium.

USE - In client server operating system e.g. windows NT, hand-held **devices** , multiprocessor system, multiprocessor-based or programmable consumer electronics, etc.

ADVANTAGE - Restrictions over network connection is enforced. The access check operation results in **allowable** access for desired action.

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of resource access **determination** system.

Parent token (60)  
Processes (70,94)  
Security mechanism (78)  
Restricted token (84)  
pp; 54 DwgNo 3/12

Title Terms: RESOURCE; ACCESS; METHOD; CLIENT; SERVE; OPERATE; SYSTEM

Derwent Class: T01

International Patent Class (Main): G06F-001/00 ; G06F-009/46 ;

G06F-012/14

File Segment: EPI

8/5/18 (Item 16 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012914454 \*\*Image available\*\*

WPI Acc No: 2000-086290/200007

XRPX Acc No: N00-067734

**System for checking status of supported functions of communication platforms at preselected intervals e.g. for computing networks such as LAN/WAN**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )

Inventor: RATCLIFF B H; VALLEY S R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6009467	A	19991228	US 97921441	A	19970829	200007 B

Priority Applications (No Type Date): US 97921441 A 19970829

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6009467 A 21 G06F-013/00

Abstract (Basic): US 6009467 A

NOVELTY - In a computing network environment having a gateway **device** , an **apparatus** for dynamically configuring and monitoring all **hosts** connected to the gateway **device** comprises: a special function table for storing all possibly available functions that can be provided by all available different communication platforms; a memory location accessible by the gateway **device** for storing the special function table; **determining device** for obtaining a list of all supported functions provided by particularly associated communication platform.

DETAILED DESCRIPTION - The **apparatus** further comprises: **Comparison** component for **identifying** subset of supported functions present in and entering them in the special function table representing all possible functions; monitoring component for checking status of all supported functions at preselected intervals to see if additions and deletions are made to the list of supported functions; **device** for making alterations and modifications to the special function table as to reflect supported function additions and deletions to the supported function list; and special function **table** also **accessible** to all

hosts through the gateway device so as to allow all the hosts to obtain an updated list of all supported functions at any one time.

USE - For computing networks such as LAN/WAN.

ADVANTAGE - Allows any host to obtain an updated list of all available and supported functions at any time and even select an option from the list if desired. Provides for an expanded control command interface to reduce the complexity of gateway device configurations and address the limitations caused by providing a MAC header.

DESCRIPTION OF DRAWING(S) - The block diagram shows an illustration of a computing environment providing different functions as supported by the environment.

Host (500)

Applications (501)

IP protocols (502)

Gateway connection. (530)

pp; 21 DwgNo 5/7

Title Terms: SYSTEM; CHECK; STATUS; SUPPORT; FUNCTION; COMMUNICATE;

PLATFORM; PRESELECTED; INTERVAL; COMPUTATION; NETWORK; LAN; WAN

Derwent Class: T01

International Patent Class (Main): G06F-013/00

File Segment: EPI

8/5/19 (Item 17 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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012890027 \*\*Image available\*\*

WPI Acc No: 2000-061861/200005

XRPX Acc No: N00-048539

X86 condition code modification method

Patent Assignee: DIGITAL EQUIP CORP (DIGI )

Inventor: CHERNOFF A; YATES J S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6000028	A	19991207	US 96593286	A	19960129	200005 B

Priority Applications (No Type Date): US 96593286 A 19960129

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 6000028 A 153 G06F-009/45

Abstract (Basic): US 6000028 A

NOVELTY - A table (139) includes entry for each X86 condition code modifying instruction. The table provides access to evaluation routines (140) which when executed modify one or all X86 condition code bits.

DETAILED DESCRIPTION - Another table includes entry for each X86 condition code bits that are associated with previously executed condition code modifying instruction and provides access to evaluation routines during which one or all X86 condition code bits are modified. The tables include pointers, respectively. An INDEPENDENT CLAIM is also included for X86 condition code modification apparatus

USE - For modifying X86 condition code for execution of computer programs on nonnative computer system architecture.

ADVANTAGE - Needless evaluation of condition codes are avoided as condition code modification made by condition code instruction are never consumed by subsequent condition code modifying instruction,

thus saving CPU processing time.

DESCRIPTION OF DRAWING(S) - The figure shows the **block** diagram of arrangement to **determine** evaluation routines for condition **codes** .

Table (139)

Evaluation routines (140)

pp; 153 DwgNo 14/71

Title Terms: CONDITION; **CODE** ; MODIFIED; METHOD

Derwent Class: T01

International Patent Class (Main): **G06F-009/45**

File Segment: EPI

**8/5/20 (Item 18 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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012486734 \*\*Image available\*\*

WPI Acc No: 1999-292842/199925

XRPX Acc No: N99-219424

**Access control procedure for database management system of client server system - involves inputting correct code , making user select from list of table names and then from list of item names, and extracting data that correspond to data search conditional expression from database**

Patent Assignee: NIPPON STEEL CORP (YAWA ); TAIHEI KOGYO KK (TAHZ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11096183	A	19990409	JP 97269392	A	19970916	199925 B

Priority Applications (No Type Date): JP 97269392 A 19970916

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 11096183 A 11 G06F-017/30

Abstract (Basic): JP 11096183 A

NOVELTY - A list of **table** names is **accessed** and displayed based on **determined** security conditions involving a **code** input by a user. The table name required by the user is selected from the list to display the corresponding item names. A specific item name is selected by the user and data that correspond to a data search conditional expression are extracted from a hierarchical database. DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following: a database access control **apparatus** ; and a database management system.

USE - For database management system of client server system.

ADVANTAGE - Number of display items can be reduced, thereby enabling user to choose from display items easily. Ensures security of data even if number of users increases. DESCRIPTION OF DRAWING(S) - The drawing shows the **block** diagram of an end user analysis support system with the database access control system.

Dwg.1/11

Title Terms: ACCESS; CONTROL; PROCEDURE; DATABASE; MANAGEMENT; SYSTEM; CLIENT; SERVE; SYSTEM; INPUT; CORRECT; **CODE** ; USER; SELECT; LIST; TABLE; NAME; LIST; ITEM; NAME; EXTRACT; DATA; CORRESPOND; DATA; SEARCH; CONDITION; EXPRESS; DATABASE

Derwent Class: T01

International Patent Class (Main): **G06F-017/30**

International Patent Class (Additional): **G06F-012/00**

File Segment: EPI

8/5/21 (Item 19 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

012437336 \*\*Image available\*\*  
WPI Acc No: 1999-243444/199920  
XRPX Acc No: N99-181181

**Caching mechanism for resource access control in computer network**

Patent Assignee: MICROSOFT CORP (MICR-N)  
Inventor: HUNNICUTT H; LUDEMAN J F  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5889952	A	19990330	US 96689838	A	19960814	199920 B

Priority Applications (No Type Date): US 96689838 A 19960814

**Patent Details:**

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5889952	A	12	G06F-017/00	

Abstract (Basic): US 5889952 A

NOVELTY - A network server check whether requesting user **permission** to access the resource based on his name, and stores access **permission** in an access cache. When a second resource is requested by user with identical user information, the access **permission** stored in cache is retrieved and then access to resources is granted.

DETAILED DESCRIPTION - The user requests access to a resource from among multiple resources without any authentication processing. The access **permission** for requesting user is generated by the network server in response to **determining** that the user has access **permission**, based on his name. Then, the access **permission** is stored in the access cache, and then access to first resource is provided. The access **permission** stored in the cache is retrieved only if the user **identification** information in his name, and additional identity is not included. An INDEPENDENT CLAIM is included for resource access control **apparatus**.

USE - For resources access control in computer network.

ADVANTAGE - Enables sharing of same user token by multiple users, thereby reducing number of file open access checks performed. Utilizes filters to group together users with identical access privileges, thereby reducing file open access checks. Reduces frequency of file open operation thereby reducing CPU time required to perform access checks, and improving efficiency and speed of operating system.

DESCRIPTION OF DRAWING(S) - The figure shows flow **chart** depicting **access** checking process.

pp; 12 DwgNo 5/6

Title Terms: MECHANISM; RESOURCE; ACCESS; CONTROL; COMPUTER; NETWORK

Derwent Class: T01

International Patent Class (Main): G06F-017/00

File Segment: EPI

8/5/22 (Item 20 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2003 Thomson Derwent. All rts. reserv.

011946081 \*\*Image available\*\*  
WPI Acc No: 1998-362991/199831  
XRPX Acc No: N98-283369

**Logging method for accesses by individual at client system in network -**

allowing access to host system only if request does not conflict with  
access list from log server

Patent Assignee: INTEL CORP (ITLC )

Inventor: ANDERSEN D B

Number of Countries: 079 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9827502	A1	19980625	WO 97US23167	A	19971201	199831 B
AU 9856056	A	19980715	AU 9856056	A	19971201	199846
EP 1008087	A1	20000614	EP 97952460	A	19971201	200033
			WO 97US23167	A	19971201	
US 6122740	A	20000919	US 96769373	A	19961219	200048

Priority Applications (No Type Date): US 96769373 A 19961219

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9827502 A1 E 34 G06F-019/00

Designated States (National): AL AM AT AZ BA BB BG BR BY CA CH CN CU CZ  
DE DK EE ES FI GB GE GH HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GH GR IE IT  
KE LS LU MC MW NL OA PT SD SE SZ UG ZW

AU 9856056 A G06F-019/00 Based on patent WO 9827502

EP 1008087 A1 E G06F-019/00 Based on patent WO 9827502

Designated States (Regional): DE FR GB

US 6122740 A G06F-012/14

Abstract (Basic): WO 9827502 A

The method involves intercepting an access request at a client system. Log data identifying the access request is sent to a log server on the network. The access request is a request to access a host system on the network or a request to access a world wide web page on the host system.

The method further involves receiving an access list from the log server. The request is compared with the access list. The access to the host system is only initiated if the request does not conflict with the access list.

ADVANTAGE - Allows log to be maintained of accesses to inappropriate systems. Provides way of prohibiting access to such systems, which would be inaccessible to system user.

Dwg.3/9

Title Terms: LOG; METHOD; ACCESS; INDIVIDUAL; CLIENT; SYSTEM; NETWORK;  
ALLOW ; ACCESS; HOST ; SYSTEM; REQUEST; CONFLICT; ACCESS; LIST; LOG;  
SERVE

Derwent Class: T01; W01

International Patent Class (Main): G06F-012/14 ; G06F-019/00

International Patent Class (Additional): H04L-009/00

File Segment: EPI

8/5/23 (Item 21 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011529684 \*\*Image available\*\*

WPI Acc No: 1997-506165/199747

XRPX Acc No: N97-421594

Small self-contained application programs processing - checking at least one of applet identification data and decrypted domain identifier

against access control list for match  
Patent Assignee: MITEL CORP (MTLC )  
Inventor: DEADMAN R  
Number of Countries: 003 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2312767	A	19971105	GB 978608	A	19970428	199747 B
DE 19717900	A1	19971030	DE 1017900	A	19970428	199749
CA 2202118	A	19971029	CA 2202118	A	19970408	199821
DE 19717900	C2	20000525	DE 1017900	A	19970428	200030

Priority Applications (No Type Date): US 96638807 A 19960429

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2312767	A		20	G06F-001/00	
DE 19717900	A1		9	G06F-012/14	
CA 2202118	A			G06F-009/44	
DE 19717900	C2			G06F-012/14	

Abstract (Basic): GB 2312767 A

The method involves storing a file in a persistent storage medium (PSM). An applet, e.g. small self contained program-data set for performing corresp function on a computer, is transmitted from a server, and includes an applet **identification** data and a private key encrypted domain **identifier** and public key pair, a maximum file size indicator, and a specification of required operations. The applet is received by an application engine and in the event the domain **identifier** is included in the applet, the domain **identifier** is decrypted using the public key.

The method further entails checking the at least one of the applet **identification** data and decrypted domain **identifier** against the **access control list** for a **match**. In the event a **match** is found, It **allows** the operations specified in the applet on a file stored in a persistent storage medium which **allow** access to the applet as specified in the file **access control list**.

USE/ADVANTAGE - For transmitting applets that cause computer to perform partic function and contains both computer instruction and data for processing during its own operation. Provides security for **host** computer excluding file corruption, and excluded excessive file size production.

Dwg.2/4

Title Terms: SELF; CONTAIN; APPLY; PROGRAM; PROCESS; CHECK; ONE; **IDENTIFY** ; DATA; DOMAIN; **IDENTIFY** ; ACCESS; CONTROL; LIST; **MATCH**

Derwent Class: T01

International Patent Class (Main): G06F-001/00 ; G06F-009/44 ; G06F-012/14

International Patent Class (Additional): G06F-015/167 ; H04L-009/28

File Segment: EPI

8/5/24 (Item 22 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009659707 \*\*Image available\*\*

WPI Acc No: 1993-353258/199345

XRPX Acc No: N93-272475

**Automatic telephone exchange attendant for PBX - requests input of extension determines transfer codes for switches, analyses call progress signals and screens caller identification for voice mail**



Patent Assignee: BOSTON TECHNOLOGY INC (BOST-N)  
 Inventor: JONES S A; MELAMPY P J; SKLARIN C R; MCLAMPY P J  
 Number of Countries: 016 Number of Patents: 012  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 569164	A2	19931110	EP 93303134	A	19930422	199345 B
AU 9337015	A	19931028	AU 9337015	A	19930420	199350
CA 2094166	A	19931024	CA 2094166	A	19930416	199404
JP 6054069	A	19940225	JP 9398128	A	19930423	199413
BR 9301637	A	19940802	BR 931637	A	19930423	199436
US 5402472	A	19950328	US 92872242	A	19920423	199518
EP 569164	A3	19941214	EP 93303134	A	19930422	199537
US 5515422	A	19960507	US 92872242	A	19920423	199624
			US 95385092	A	19950203	
AU 670263	B	19960711	AU 9337015	A	19930420	199635
AU 9652298	A	19960718	AU 9337015	A	19930420	199639
			AU 9652298	A	19960515	
AU 695370	B	19980813	AU 9337015	A	19930420	199844
			AU 9652298	A	19960515	
AU 9874159	A	19980827	AU 9652298	A	19960515	199846
			AU 9874159	A	19980630	

Priority Applications (No Type Date): US 92872242 A 19920423; US 95385092 A 19950203

Cited Patents: No-SR.Pub; EP 429770; US 4757267; US 5029196

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 569164	A2	E	65	H04Q-003/62	
Designated States (Regional): BE DE DK ES FR GB GR IT LU NL SE					
US 5402472	A		61	H04M-003/50	
US 5515422	A		62	H04M-003/50	Cont of application US 92872242 Cont of patent US 5402472
AU 670263	B			H04M-003/42	Previous Publ. patent AU 9337015
AU 9652298	A			H04M-003/42	Div ex application AU 9337015
AU 695370	B			H04M-003/42	Div ex application AU 9337015 Previous Publ. patent AU 9652298
AU 9874159	A			H04M-003/42	Div ex application AU 9652298
AU 9337015	A			H04M-003/42	
CA 2094166	A			H04M-003/50	
JP 6054069	A			H04M-003/42	
BR 9301637	A			H04M-011/08	
EP 569164	A3			H04Q-003/62	

Abstract (Basic): EP 569164 A

The exchange obtains an extension number from a caller using an audio menu to prompt input of the required number. A switch (15) is signalled to connect the caller to the automated attendant service to place the caller on hold and the required extension is called.

If the connection is successful, the caller is connected directly. If unsuccessful, a failed call procedure is invoked to store the response, with the time of call and, if available, the caller's telephone number. If a message is left it is also stored for later retrieval.

USE/ADVANTAGE - Provides services regardless of how subscribers are connected to public switched telephone network. Stores call information, message and time of call to **allow** return of call if not successfully completed initially.

Dwg.1/7

Title Terms: AUTOMATIC; TELEPHONE; EXCHANGE; ATTEND; PBX; REQUEST; INPUT; EXTEND; **DETERMINE** ; TRANSFER; **CODE** ; SWITCH; ANALYSE; CALL; PROGRESS; SIGNAL; SCREEN; CALL; **IDENTIFY** ; VOICE; MAIL

Derwent Class: W01  
International Patent Class (Main): H04M-003/42; H04M-003/50; H04M-011/08;  
H04Q-003/62  
International Patent Class (Additional): G06F-015/403 ; G06F-017/30 ;  
H04M-003/58; H04Q-003/58  
File Segment: EPI

8/5/25 (Item 23 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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008622096 \*\*Image available\*\*  
WPI Acc No: 1991-126126/199118  
XRPX Acc No: N91-097061

**Communication procedure for branch network - uses circuit to compare  
line based information with access code table**

Patent Assignee: MITSUBISHI DENKI KK (MITQ )  
Inventor: WATANABE A  
Number of Countries: 004 Number of Patents: 006  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4033352	A	19910425	DE 4033352	A	19901019	199118 B
GB 2238212	A	19910522	GB 9022707	A	19901018	199121
JP 3205933	A	19910909	JP 90113669	A	19900427	199142
DE 4033352	C2	19930519	DE 4033352	A	19901019	199320
US 5218603	A	19930608	US 90600603	A	19901019	199324
GB 2238212	B	19940406	GB 9022707	A	19901018	199411

Priority Applications (No Type Date): JP 90113669 A 19900427; JP 89272110 A  
19891019

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE 4033352	C2	14	H04L-012/28	
GB 2238212	B	2	H04L-012/22	
US 5218603	A		H04L-012/46	

Abstract (Basic): DE 4033352 A

The Branch Network (Ni) comprises a line monitoring circuit (31) to monitor connection with trunk LAN (local area network). A branch circuit (32) is used to monitor connection with branch LAN (2-i). Bus (30) and central monitor/control circuitry (33).

The **apparatus** further comprises connection table (TTBi), group register (GRi), and memory (34) to store programs for use of the central monitor (33). A data buffer (DBi) is used to temporarily store received data, and filter table (TBi) stores trunk access **codes**, and in particular the procedure for communication between local network with trunk LANs and neighbouring branch LANs involves the **comparison**, using circuit (36) of group numbers (G1,G2) with information stored in **access table**.

USE - LANs.

Dwg.1/9

Title Terms: COMMUNICATE; PROCEDURE; BRANCH; NETWORK; CIRCUIT; **COMPARE** ;  
LINE; BASED; INFORMATION; ACCESS; **CODE** ; TABLE

Derwent Class: W01

International Patent Class (Main): H04L-012/22 ; H04L-012/28 ;  
H04L-012/46

File Segment: EPI

8/5/26 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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008000060 \*\*Image available\*\*  
WPI Acc No: 1989-265172/198937  
XRPX Acc No: N89-202227

Capability domain control appts. for computer system - has access registers each contg. access list entry token to signify address space for which general purpose register is to be allowed access  
Patent Assignee: IBM CORP (IBMC ); INT BUSINESS MACHINES CORP (IBMC )  
Inventor: CLARK C E; GANEK A G; MALL M G; PAGE D R  
Number of Countries: 006 Number of Patents: 006  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 331900	A	19890913	EP 89101790	A	19890202	198937 B
BR 8900567	A	19891010				198946
US 4945480	A	19900731	US 88154685	A	19880210	199033
CA 1293811	C	19911231				199208
EP 331900	B1	19951108	EP 89101790	A	19890202	199549
DE 68924720	E	19951214	DE 624720	A	19890202	199604
			EP 89101790	A	19890202	

Priority Applications (No Type Date): US 88154685 A 19880210  
Cited Patents: No-SR.Pub; 2.Jnl.Ref; EP 176939; EP 76097; US 4145738; US 4355355; US 4500952

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 331900	A	E	41		
Designated States (Regional): DE FR GB					
EP 331900	B1	E	44	G06F-009/46	
Designated States (Regional): DE FR GB					
DE 68924720	E			G06F-009/46	Based on patent EP 331900

Abstract (Basic): EP 331900 A

The apparatus translates the contents of access registers into information for use in performing addressing functions for multiple virtual address spaces. The access registers represent the full register addressing capability of the system but do not directly contain the addressing information. The system has a number of general purpose registers and access registers associated with the general registers. An **access list** has **access list** entries which is addressed by the contents of the access register. A memory storage holds address space number second table entries (ASTE), where the contents of the **access list** entry locate the ASTE and where the ASTE contains the addressing information needed to locate a virtual address when combined with the contents of a general register. Access res translation (ART) consists of the process of **determining** addresssing information by using the **access list** entry and the ASTE.

The system has available to it at any one time a selection of one of two domains each represented by an **access list**. One domain is related to the dispatchable unit taks to be performed and the other is related to the address space in which a particular program operates.

The ART process selects the domain which the access register is using.

Title Terms: CAPABLE; DOMAIN; CONTROL; **APPARATUS** ; COMPUTER; SYSTEM; ACCESS; REGISTER; CONTAIN; ACCESS; LIST; ENTER; TOKEN; SIGNIFY; ADDRESS; SPACE; GENERAL; PURPOSE; REGISTER; **ALLOW** ; ACCESS

Derwent Class: T01

International Patent Class (Main): G06F-009/46

International Patent Class (Additional): G06F-012/06 ; G06F-012/08 ;  
G06F-012/10  
File Segment: EPI

8/5/27 (Item 25 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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007842627 \*\*Image available\*\*  
WPI Acc No: 1989-107739/198915  
XRPX Acc No: N89-082182

**Secure I-O command system for multiprocessor - has operating system to  
generate virtual I-O command including ring number virtual channel number  
and function code**

Patent Assignee: BULL HN INFORMATION SYSTEMS INC (HONE ); HONEYWELL BULL  
INC (HONE )

Inventor: BROWN H W; DICHIARA J G; VALENTINE J M

Number of Countries: 019 Number of Patents: 014

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 306702	A	19890315	EP 88112622	A	19880803	198915 B
NO 8803493	A	19890306				198915
AU 8820522	A	19890209				198918
DK 8804390	A	19890208				198918
FI 8803566	A	19890208				198918
US 4858117	A	19890815	US 8783534	A	19870807	198941
CN 1033119	A	19890524				199018
IL 87295	A	19920525	IL 87295	A	19880802	199225
CA 1315007	C	19930323	CA 573958	A	19880805	199317
NO 174528	B	19940207	NO 883493	A	19880805	199410
EP 306702	B1	19940601	EP 88112622	A	19880803	199421
DE 3889816	G	19940707	DE 3889816	A	19880803	199427
			EP 88112622	A	19880803	
ES 2053640	T3	19940801	EP 88112622	A	19880803	199432
KR 9403325	B1	19940420	KR 8810104	A	19880807	199605

Priority Applications (No Type Date): US 8783534 A 19870807

Cited Patents: 3.Jnl.Ref; A3...9035; JP 58195230; No-SR.Pub; US 4320456

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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EP 306702	A	E 17		
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Designated States (Regional): BE CH DE ES FR GB IT LI NL SE

US 4858117	A	15		
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NO 174528	B		G06F-013/14	Previous Publ. patent NO 8803493
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EP 306702	B1	E 17	G06F-013/10	
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Designated States (Regional): DE ES FR GB IT

DE 3889816	G		G06F-013/10	Based on patent EP 306702
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ES 2053640	T3		G06F-013/10	Based on patent EP 306702
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IL 87295	A		G06F-012/10	
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CA 1315007	C		G06F-013/10	
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KR 9403325	B1		G06F-013/10	
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Abstract (Basic): EP 306702 A

The **access control list** for each **device** , which defines the users which are **permitted** access to the **device** , is stored in an **access control list** by the operating system (50). When access is **permitted** the operating system produces a virtual I/O command (52) which is stored in memory. At the same time, information is stored in the descriptor sequent bit register (54) in a virtual memory RAM. In a

descriptor segment page table (56), a first table responds to a first part of the channel number and to a descriptor segment to locate an 1/0 page descriptor **identifying** a formly of **devices** available to the user.

A second table (58) responds to the 1/0 page descriptor and to the channel number to locate an 1/0 descriptor including a physical channel number which **identifies** the The virtual channel number is replaced by the physical channel number to generate the physical 1/0 commond.

USE/ADVANTAGE - Data processing system. Has improved throughput.

Dwg.4/5

Title Terms: SECURE; I-O; COMMAND; SYSTEM; MULTIPROCESSOR; OPERATE; SYSTEM; GENERATE; VIRTUAL; I-O; COMMAND; RING; NUMBER; VIRTUAL; CHANNEL; NUMBER; FUNCTION; **CODE**

Derwent Class: T01

International Patent Class (Main): **G06F-012/10 ; G06F-013/10 ; G06F-013/14**

International Patent Class (Additional): **G06F-003/00 ; G06F-012/12 ; G06F-012/14**

File Segment: EPI

**8/5/28 (Item 26 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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007668037 \*\*Image available\*\*

WPI Acc No: 1988-301969/198843

XRFX Acc No: N88-229236

**Automatic resource configuration method for computer system - using ROM with format header contg. system data about additional hardware cards, utilising memory proportionally as required**

Patent Assignee: APPLE COMPUTER INC (APPY )

Inventor: LOOFBOURRO W; NORMAN G

Number of Countries: 006 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2203869	A	19881026	GB 8720019	A	19870825	198843 B
DE 3812607	A	19881027	DE 3812607	A	19880415	198844
FR 2614122	A	19881021				198849
AU 8814185	A	19881020				198850
BR 8801840	A	19881122				198901
GB 2203869	B	19911023				199143
CA 1296806	C	19920303				199215

Priority Applications (No Type Date): US 8739521 A 19870417

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
GB 2203869	A		33		

Abstract (Basic): GB 2203869 A

A configuration read-only-memory is placed on each add-on card placed in the computer system. The ROM contains the card type and **identification** number, byte lanes used, location of **device** drivers, the **device** driver **code** and a length field for specifying the lowest address used by the decloration ROM, in addition to the directory offset. The ROM header contains a field with an offset to a resource directory (50).

The resource directory contains a set of entries (51) of resource lists and offsets(52) to those resource lists. Each resource list (60) contains a resource type (63) and other information (62) as required to

configure the computer system. The communication bus between the various cards and central processor is divided into a number of byte lanes, each capable of carrying data between the components of the system. The cards may use any combination of the available byte lanes. ADVANTAGE - **Allows** multiple resources to be defined instead of fixed memory allocation.

3/10

Title Terms: AUTOMATIC; RESOURCE; CONFIGURATION; METHOD; COMPUTER; SYSTEM; ROM; FORMAT; HEADER; CONTAIN; SYSTEM; DATA; ADD; HARDWARE; CARD; UTILISE; MEMORY; PROPORTION; REQUIRE  
Derwent Class: T01  
International Patent Class (Additional): G06F-001/00 ; G06F-011/30 ; G06F-012/06 ; G06F-013/40  
File Segment: EPI

8/5/29 (Item 27 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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007500395 \*\*Image available\*\*  
WPI Acc No: 1988-134328/198820  
XRPX Acc No: N88-102231

**Multi-directional scan and print type character generator for printer - produces serial binary stream to print or display in any of 8 combination and progression**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )  
Inventor: FINLAY D E; HANNA S D; STEVENSON D C; VARGA J T  
Number of Countries: 004 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 267418	A	19880518	EP 87114432	A	19871002	198820 B
US 4841453	A	19890620	US 86929036	A	19861110	198931
EP 267418	B1	19930818	EP 87114432	A	19871002	199333
DE 3787073	G	19930923	DE 3787073	A	19871002	199339
			EP 87114432	A	19871002	

Priority Applications (No Type Date): US 86929036 A 19861110  
Cited Patents: 2.Jnl.Ref; A3...8948; EP 196656; EP 89848; JP 58078279; JP 58121486; No-SR.Pub; US 4000486; US 4079458

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 267418	A	E 4		
Designated States (Regional): DE FR GB				
US 4841453	A	36		
EP 267418	B1	E 46	G06K-015/02	
Designated States (Regional): DE FR GB				
DE 3787073	G		G06K-015/02	Based on patent EP 267418

Abstract (Basic): EP 267418 A

The imaging **device** has a page buffer (160) containing a representation of symbols in a predetermined order, each representation including an a/e pointer. A column position escape memory (170) specifies for each of the symbol rows, a page buffer pointer to a first symbol in the row and a height, factor **identifying** a space allotted for representing a symbol row. An address escape memory (150) is provided, having an entry for each different symbol containing a font pointer and a representation of a space allotted for the symbol in orthogonal directions.

A font memory (140) provides a graphic representation of the

symbol in at least 2 orientations. A pint command can be stored which specifies a relation between symbol rows, scan direction and scan progression. An addressing **device** successively drives different font addresses for a symbol until a quantity of data extracted from the font memory bears a specified relation to data extracted from the address escape memory.

ADVANTAGE - Can be used with any paper regardless of printer limitations on paper feed and paper orientation

Title Terms: MULTI; DIRECTION; SCAN; PRINT; TYPE; CHARACTER; GENERATOR; PRINT; PRODUCE; SERIAL; BINARY; STREAM; PRINT; DISPLAY; COMBINATION; PROGRESS

Index Terms/Additional Words: MULTI; DIRECTION; SCA

Derwent Class: S06; T04

International Patent Class (Main): G06K-015/02

International Patent Class (Additional): **G06F-015/40** ; G06K-015/12

File Segment: EPI

**8/5/30 (Item 28 from file: 350)**

DIALOG(R) File 350:Derwent WPIX

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004723495

WPI Acc No: 1986-226837/198635

XRPX Acc No: N86-169268

**Computer system with secure processor - limits access to protected files using stored security policy which identifies user and security level**

Patent Assignee: SECURE COMPUTING TECHNOLOGY CORP (SECU-N); HONEYWELL INC (HONEY)

Inventor: BOEBERT W E; KAIN R Y

Number of Countries: 008 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 192243	A	19860827	EP 86102096	A	19860218	198635 B
US 4713753	A	19871215	US 85703638	A	19850221	198806
CA 1252907	A	19890418				198920
IL 77504	A	19890815				198943
EP 192243	B1	19940126	EP 86102096	A	19860218	199404
DE 3689569	G	19940310	DE 3689569	A	19860218	199411
			EP 86102096	A	19860218	

Priority Applications (No Type Date): US 85703638 A 19850221

Cited Patents: 1.Jnl.Ref; A3...8929; EP 97258; No-SR.Pub; US 4442484

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 192243 A E 44

Designated States (Regional): DE FR GB IT SE

EP 192243 B1 E 19 G06F-012/14

Designated States (Regional): DE FR GB IT SE

DE 3689569 G G06F-012/14 Based on patent EP 192243

Abstract (Basic): EP 192243 A

A user terminal (20) with preselected security attributes requests access to system files for both ordinary and distinguished data objects. The processor (21) **identifies** the security attribute, (31) and any distinguished data objects are recognised and acted upon by secure processor (33). These appear to the ordinary data object processor (32) as forbidden fields. The secure processor **identifies permissible** access rights according to a stored security policy (332) written in terms of security attributes and possible values of security level.

Access rights to protected system files (22) are provided as a signal when the program working set table (334) is active. The signal is revoked when the table is destroyed and exit from the secure processor is prohibited.

ADVANTAGE - Provides security without reliance on complex software.  
(44pp Dwg.No.3/8

Title Terms: COMPUTER; SYSTEM; SECURE; PROCESSOR; LIMIT; ACCESS; PROTECT;  
FILE; STORAGE; SECURE; IDENTIFY ; USER; SECURE; LEVEL

Derwent Class: T01

International Patent Class (Main): G06F-012/14

International Patent Class (Additional): G06F-001/00 ; H04L-009/00

File Segment: EPI

8/5/31 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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004629117

WPI Acc No: 1986-132460/198621

XRPX Acc No: N86-097957

Log on and log off instruction system for data processing system -  
allows automatic logging using internal prompt and response table  
constructed when user logged onto network

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )

Inventor: DILL D M; REDMOND H F

Number of Countries: 006 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 181503	A	19860521	EP 85112900	A	19851011	198621 B
JP 61122767	A	19860610	JP 85227954	A	19851015	198629
US 4698757	A	19871006	US 84671863	A	19841115	198742
CA 1235521	A	19880419				198820
EP 181503	B1	19920527	EP 85112900	A	19851011	199222
DE 3586119	G	19920702	DE 3586119	A	19851011	199228
			EP 85112900	A	19851011	

Priority Applications (No Type Date): US 84671863 A 19841115

Cited Patents: 1.Jnl.Ref; A3...8908; No-SR.Pub; US 4234933; US 4451701

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 181503 A E 10

Designated States (Regional): DE FR GB

EP 181503 B1 E 13 G06F-015/40

Designated States (Regional): DE FR GB

DE 3586119 G G06F-015/40 Based on patent EP 181503

Abstract (Basic): EP 181503 B

A table is constructed of prompts and responses internal to a remote terminal, when a user logs onto a specified **host** data processing system, by responding to prompts sent from the **host** system. Afterwards the table of prompts and responses is used to automatically log on to the **host** processing system.

A user selection of the telephone network to be used and the telephone number of the **host** system are used to automatically log on to the **host**. A log-off **code** is stored in the table and used to end the session.

USE/ADVANTAGE - Allows user access to networks undefined at program writing time. For business use. (10pp Dwg.No.0/10)

Title Terms: LOG; LOG; INSTRUCTION; SYSTEM; DATA; PROCESS; SYSTEM; ALLOW ;



AUTOMATIC; LOG; INTERNAL; PROMPT; RESPOND; TABLE; CONSTRUCTION; USER; LOG  
; NETWORK  
Derwent Class: T01  
International Patent Class (Main): G06F-015/40  
International Patent Class (Additional): G06F-011/00 ; G06F-013/00 ;  
H04L-013/00  
File Segment: EPI

8/5/32 (Item 30 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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004344350  
WPI Acc No: 1985-171228/198528  
Related WPI Acc No: 1983-A0720K; 1988-316374; 1988-316375; 1989-025697  
XRPX Acc No: N85-128790

**Data processing system with memory - uses object based information and protection scheme for determining access right to information**

Patent Assignee: DATA GENERAL CORP (DATG )  
Inventor: BRATT R G; CLANCY G F; MUNDIE C J; SCHLEIMER S L; WALLACH S J  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4525780	A	19850625	US 84616773	A	19840531	198528 B

Priority Applications (No Type Date): US 84616773 A 19840531; US 81266409 A 19810522

Patent Details:  
Patent No Kind Lan Pg Main IPC Filing Notes  
US 4525780 A 429

Abstract (Basic): US 4525780 A

Each object is **identified** by a unique and permanent **identifier code** which **identifies** the data processing system and the object. The system uses a protection technique to prevent unauthorised access to objects by users who are **identified** by a subject number which **identifies** the user, a process of the system for executing a user's procedure, and the type of operation of the system to be performed by the user's procedure.

An **access control list** for each object includes an **access control list** entry for each subject having access rights to the object and a **device** and for confirming that a particular active subject has access rights to a particular object before **permitting** access to the object. The system also includes stacks for containing information relating to the current state of execution of the system.

ADVANTAGE - Provides structure capable of multiple, concurrent operations.

Dwg.7/200

Title Terms: DATA; PROCESS; SYSTEM; MEMORY; OBJECT; BASED; INFORMATION; PROTECT; SCHEME; **DETERMINE** ; ACCESS; RIGHT; INFORMATION

Derwent Class: T01  
International Patent Class (Additional): G06F-009/34 ; G06F-013/00  
File Segment: EPI

8/5/33 (Item 31 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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004162462

WPI Acc No: 1984-308001/198450

XRPX Acc No: N84-229625

**Control system for sectorized format display - has VDU screen divided into regions and memory accessed by control table commands**

Patent Assignee: HITACHI LTD (HITA )

Inventor: URABE K

Number of Countries: 002 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 3419219	A	19841206	DE 3419219	A	19840523	198450 B
US 4649377	A	19870310	US 84613379	A	19840523	198712
DE 3419219	C2	19941117	DE 3419219	A	19840523	199444

Priority Applications (No Type Date): JP 8390982 A 19830524

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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DE 3419219	A		27		
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DE 3419219	C2		15	G09G-003/20	
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Abstract (Basic): DE 3419219 A

Each screen sector consists of five lines, twenty characters per line. The control unit has line (2) and column counters with the outputs **compared** with reference values to **identify** a specific sector. The **comparator** outputs are counted to provide a read address for the reference registers to provide indexing of values to access different sectors.

A control **table** is **accessed** to provide display commands for different display formats composed of different sectors. The commands are entered into address registers to access the display data memory. Data is buffered in a register and the character generators activated to provide a display in the designated sectors.

ADVANTAGE - Reduced software complexity and simple hardware construction.

0/10

Title Terms: CONTROL; SYSTEM; SECTOR; FORMAT; DISPLAY; VDU; SCREEN; DIVIDE; REGION; MEMORY; ACCESS; CONTROL; TABLE; COMMAND

Derwent Class: P85; T01; T04

International Patent Class (Main): G09G-003/20

International Patent Class (Additional): **G06F-003/14** ; G09G-001/02

File Segment: EPI; EngPI

**8/5/34 (Item 32 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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003552527

WPI Acc No: 1983-A0720K/198301

Related WPI Acc No: 1985-171228; 1988-316374; 1988-316375; 1989-025697

XRPX Acc No: N83-000841

**Digital data processing system with multilevel internal mechanism - has flexible structure protected from user, and control and stack appts. for multiple concurrent operations**

Patent Assignee: DATA GENERAL CORP (DATG )

Inventor: AHLSTROM J K; BACHMAN B L; BELGARD R A; BERNSTEIN D H; BRATT R G; CLANCY G F; FARBER D A; GAVRIN F S

Number of Countries: 017 Number of Patents: 022

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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EP 67556	A	19821222				198301	B
BR 8202956	A	19830503				198324	
CA 1173172	A	19840821				198438	
CA 1174766	A	19840918				198442	
CA 1174767	A	19840918				198442	
CA 1174768	A	19840918				198442	
CA 1178714	A	19841127				198501	
CA 1179063	A	19841204				198502	
US 4493023	A	19850108	US 81266403	A	19810522	198504	
US 4498131	A	19850205	US 81266408	A	19810522	198508	
US 4498132	A	19850205	US 81266413	A	19810522	198508	
US 4513368	A	19850423	US 81266414	A	19810522	198519	
US 4517642	A	19850514	US 81266521	A	19810522	198522	
US 4532586	A	19850730	US 81266401	A	19810522	198533	
IL 65123	A	19850630				198538	
AU 8661580	A	19861211				198704	
US 4656579	A	19870407	US 85699240	A	19850208	198716	
EP 67556	B	19900418				199016	
DE 3280152	G	19900523				199022	
JP 8263284	A	19961011	JP 9483891	A	19820521	199651	
			JP 95266761	A	19820521		
JP 8263305	A	19961011	JP 9483891	A	19820521	199651	
			JP 95266763	A	19820521		
JP 8278917	A	19961022	JP 9483891	A	19820521	199701	
			JP 95266762	A	19820521		

Priority Applications (No Type Date): US 81266539 A 19810522; US 81266401 A 19810522; US 81266403 A 19810522; US 81266404 A 19810522; US 81266408 A 19810522; US 81266409 A 19810522; US 81266413 A 19810522; US 81266414 A 19810522; US 81266415 A 19810522; US 81266421 A 19810522; US 81266424 A 19810522; US 81266524 A 19810522; US 81266521 A 19810522; US 85699240 A 19850208; US 81266532 A 19810522

Cited Patents: 6.Jnl.Ref; A3...8603; No-SR.Pub

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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EP 67556	A	E	861		
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Designated States (Regional): BE CH DE FR GB IT LI LU NL SE

EP 67556	B				
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Designated States (Regional): AT BE CH DE FR GB IT LI LU NL SE

JP 8263284	A	304	G06F-009/30	Div ex application	JP 9483891
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JP 8263305	A	304	G06F-009/46	Div ex application	JP 9483891
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JP 8278917	A	304	G06F-012/02	Div ex application	JP 9483891
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Abstract (Basic): EP 67556 A

The system provides an addressing mechanism **allowing** permanent and unique **identification** of all information generated for use in or by operation of the system, and an extremely large address space which is accessible to and common to all data processing systems. A protection mechanism is provided, giving variable access rights associated with individual bodies of data.

An instruction structure is provided where high level user language instructions are transformed into dialect **coded**, uniform, intermediate level instructions to provide equal facility of execution for a number of languages. Operands are referred to in programs by format names transformed, by an internal mechanism transparent to the user, into addresses. Multilevel control and stack mechanisms protecting the system's internal mechanism from interference are also provided.

Title Terms: DIGITAL; DATA; PROCESS; SYSTEM; MULTILEVEL; INTERNAL; MECHANISM; FLEXIBLE; STRUCTURE; PROTECT; USER; CONTROL; STACK; **APPARATUS**; MULTIPLE; CONCURRENT; OPERATE

Derwent Class: T01

International Patent Class (Main): G06F-009/30 ; G06F-009/46 ;  
G06F-012/02

International Patent Class (Additional): G06F-009/22 ; G06F-011/04 ;  
G06F-012/00

File Segment: EPI